

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA-189	TYPE	2M8 U0-V5 FM N
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COMPOSITION		
Conveying surface	material	PVC 45 Sh.A (±5)
	thickness	0.50 mm 0.020 in.
	surface pattern	FM
	colour	black
	coefficient of friction	HF
Textile carcass	material	polyester (PET)
	plies no.	2
	weft type	rigid
Driving surface	material	fabric with polyurethane (TPU) impregnation
	thickness	--- mm --- in.
	surface pattern	fabric
	colour	grey

TECHNICAL SPECIFICATIONS

Total thickness	2.10 mm	0.08 in.
Weight	2.30 kg/m ²	0.47 lbs./sq.ft
Elongation at 1%	8 N/mm	45.7 lbs./in.
Max. admissible pull	16 N/mm	91.0 lbs./in.
Temperature resistance ⁽¹⁾	min.	-10 °C 14 °F
	max.	60 °C 140 °F

⁽¹⁾ Use of the belt with limit values may reduce its life

Minimum radius / diameter ⁽²⁾		
■ Knife edge minimum radius	no	
■ Bending roller min. diameter	30 mm	1.18 in.
■ Counter-bending roller min. diameter	40 mm	1.57 in.

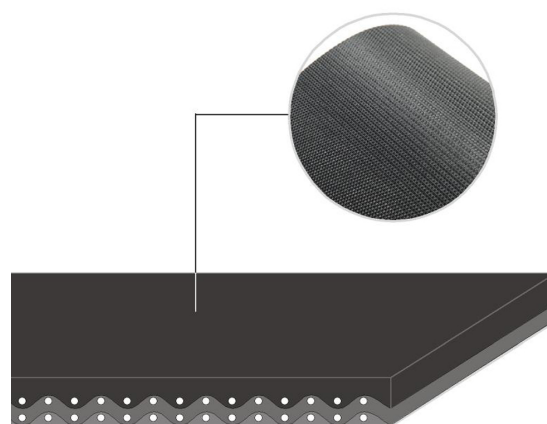
⁽²⁾ The above mentioned values depend on the type of CHIORINO joint recommended

Coefficient of friction on driving surface	
■ Raw steel sheet	0.20 [-]
■ Laminated plastic/wood	0.25 [-]
■ Steel roller	0.20 [-]
■ Rubberized roller	0.30 [-]

Max. production width	3000 mm	118 in.
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SUITABLE FOR

Textile: inspecting machines
Packaging



FEATURES

Humidity influence	no
Suitable to metal detector	no
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	no
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances (see file available on line)	3

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments

NOTES

Issue: 24-07-2009

Last Update: 23-06-2016

DISCLAIMER

The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

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Recommended jointing procedure	SINGLE Z
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Other jointing methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z
- SKIVED JOINT '2'

Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press P \ PL \ PLS

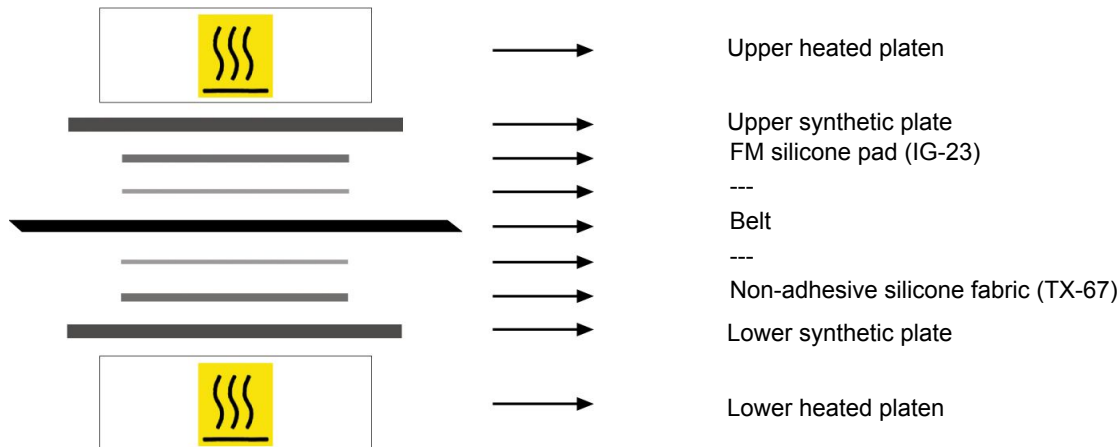
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	2 bar
Film	---
Cement	--

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side. A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components



• Notes

Issued: 06-04-2005

Last Update: 30-01-2014

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